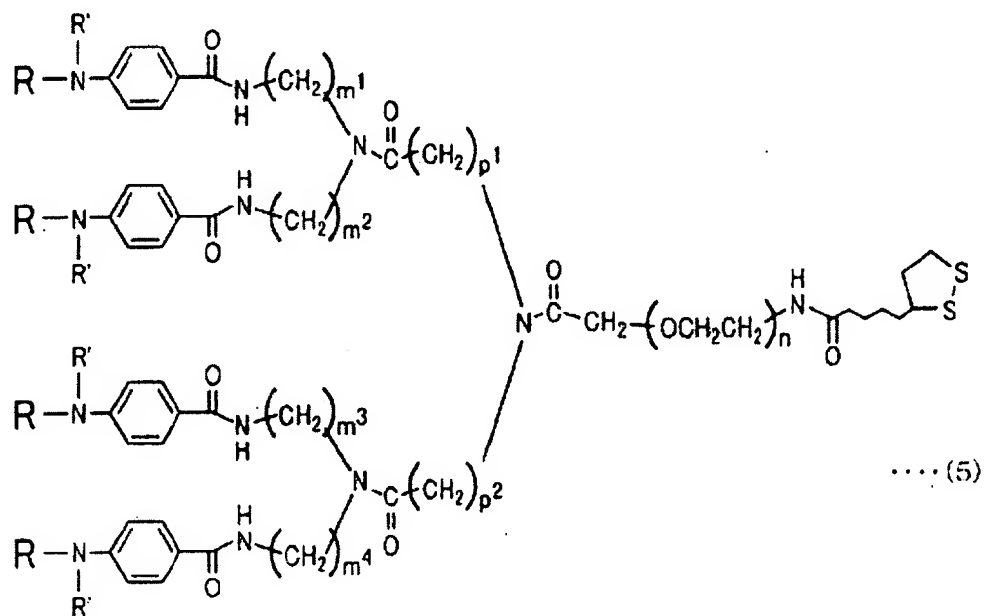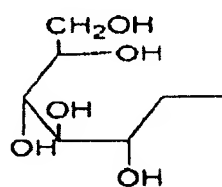## AMENDMENTS TO THE CLAIMS

1-5.　　(canceled)
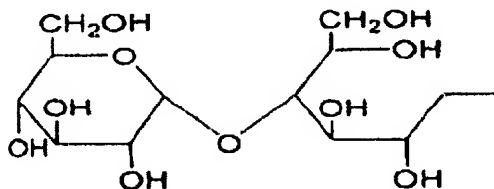
6.　　(previously presented):　A ligand conjugate including a linker compound having a structure represented by following general formula (5), where m^1, m^2, m^3, m^4, n, p^1, and p^2 are independently an integer of 1 to 6, R′ is hydrogen (H) or R, and
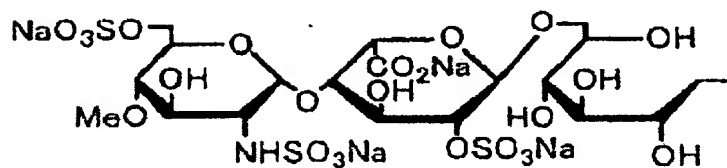

$$\cdots (5)$$

R is an oligosaccharide-derived compound selected from among the following formulae (6-1) through (6-6).
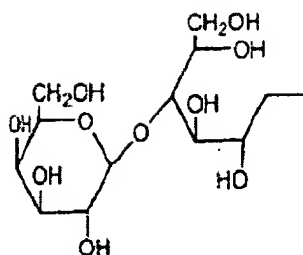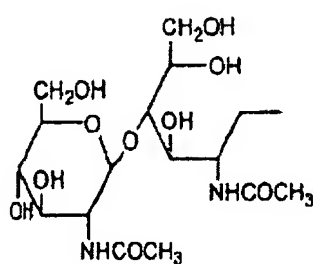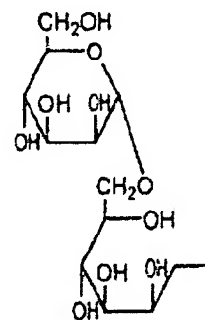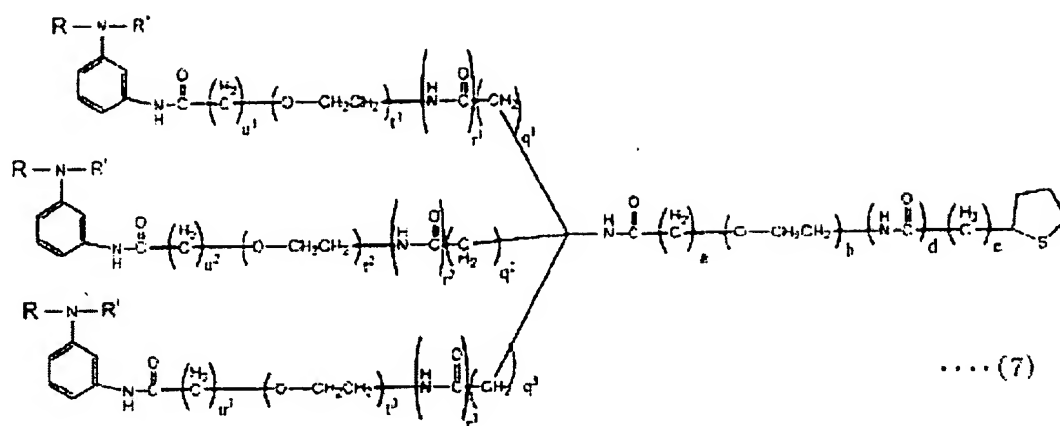

(6-1)

(6-2)

(6-3)

(6-4)

(6-5)

(6-6)

7.   (previously presented) A ligand conjugate including a linker compound having a structure represented by following general formula (7),
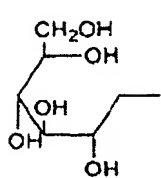
$$\cdots\cdots(7)$$

where a, b, d, e, q^1, q^2, q^3, r^1, r^2, r^3, t^1, t^2, t^3, u^1, u^2, and u^3 are independently an integer of 0 to 6,

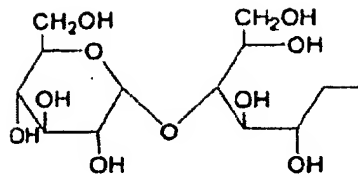t^1, t^2, and t^3 are not 0 when b is 0,

b is not 0 when t^1, t^2, and t^3 are 0,
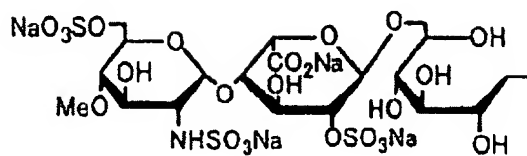
R' is hydrogen (H) or R, and

R is an oligosaccharide-derived compound selected from among the following formulae (6-1) through (6-6).
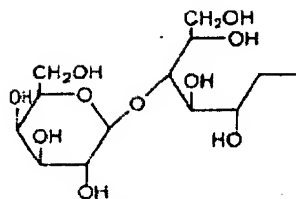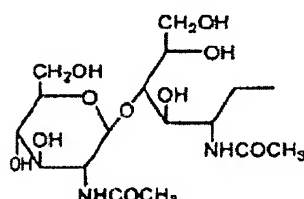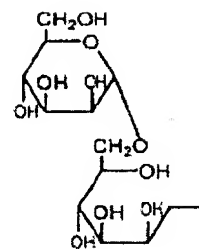
(6-1)

(6-2)

(6-3)


(6-4)

(6-5)

(6-6)

8-11.   (canceled)

12.   (currently amended): A method of arranging a sugar molecule on a surface of a supporter, comprising the step of:

causing a solution containing the ligand conjugate of ~~claim 5~~ claim 6 or 7 to come into contact with a supporter comprising metal on a surface thereof.

13.   (currently amended): A ligand carrier which comprises the ligand conjugate of ~~claim 5~~ claim 6 or 7 immobilized on a supporter comprising metal on a surface thereof.

14. (currently amended): A sensor chip for a surface plasmon resonance, comprising the ligand conjugate according to ~~claim 5~~ claim 6 or 7 immobilized onto a surface thereof.

15. (previously presented): The sensor chip of claim 14, wherein the ligand conjugate has a structure represented by formula (5),
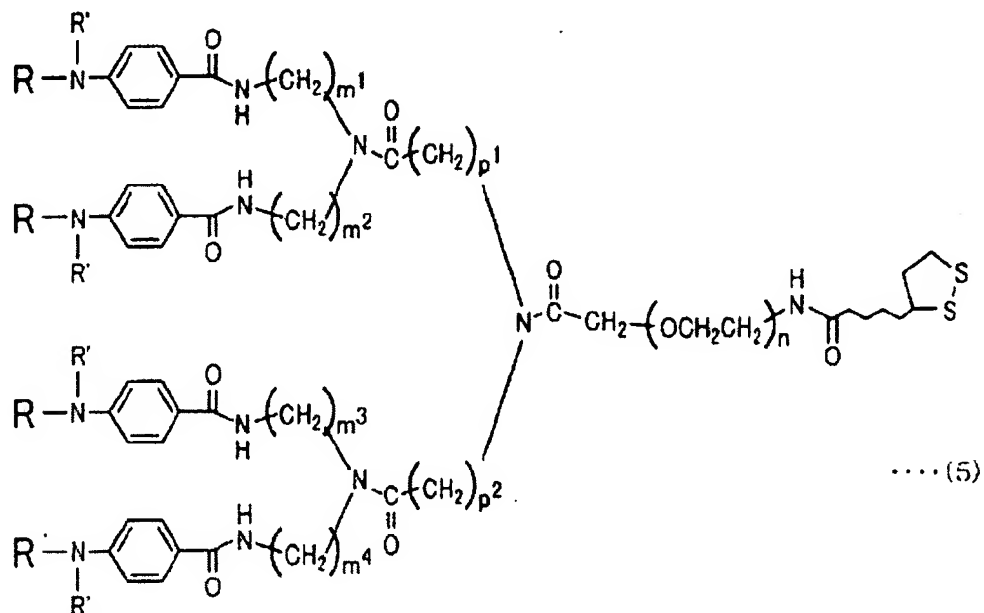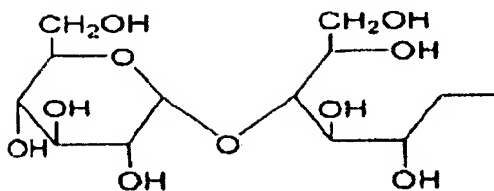

where m^1, m^2, m^3, m^4, n, p^1, and p^2 are independently an integer of 1 to 6, R' is hydrogen (H) or R, and
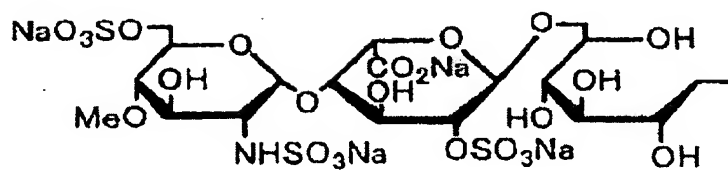
R is an oligosaccharide-derived compound selected from among the following formulae (6-1) through (6-6).
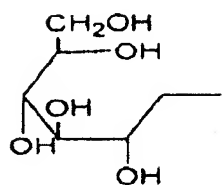
(6—1)

(6—2)

(6—3)

(6—4)

(6—5)

(6—6)

16.   (previously presented): The sensor chip of claim 14, wherein the ligand conjugate has a structure represented by formula (7),

$$\cdots (7)$$

where a, b, d, e, q^1, q^2, q^3, r^1, r^2, r^3, t^1, t^2, t^3, u^1, u^2, and u^3 are independently an integer of 0 to 6,

t^1, t^2, and t^3 are not 0 when b is 0,

b is not 0 when t^1, t^2, and t^3 are 0,

R' is hydrogen (H) or R, and

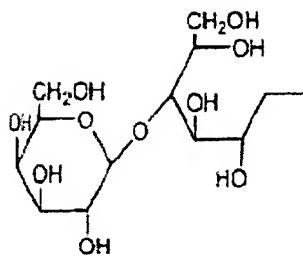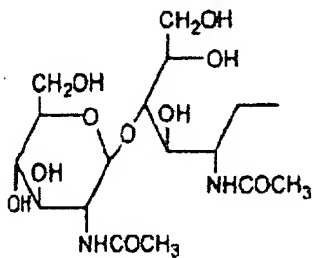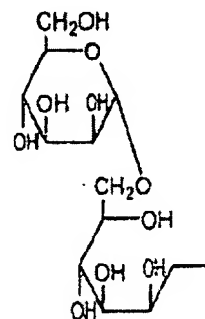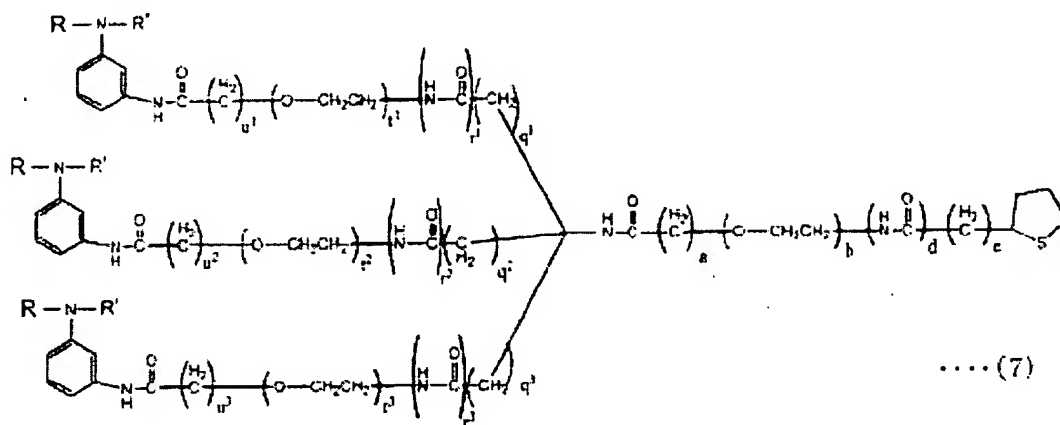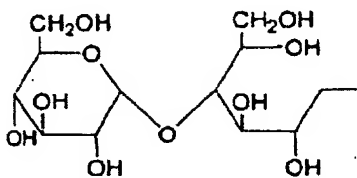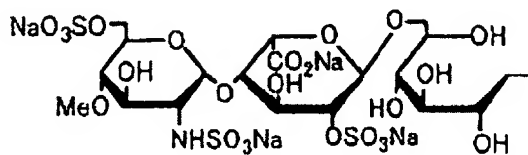R is an oligosaccharide-derived compound selected from among the following formulae (6-1) through (6-6).
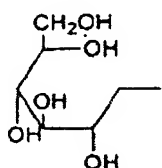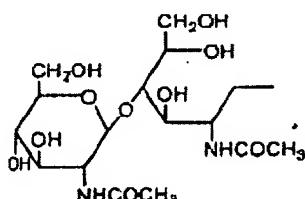

(6—1)   (6—2)
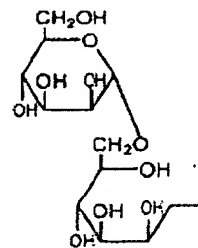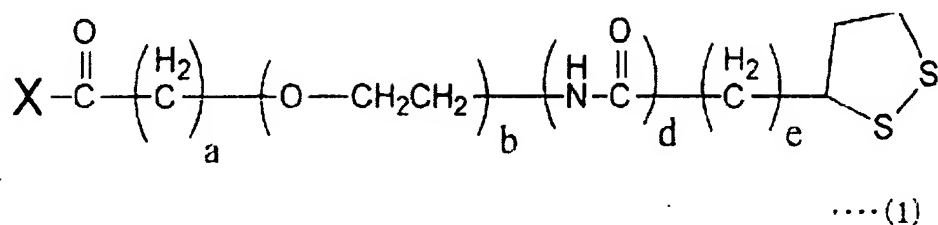

(6—3)
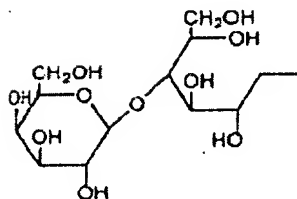
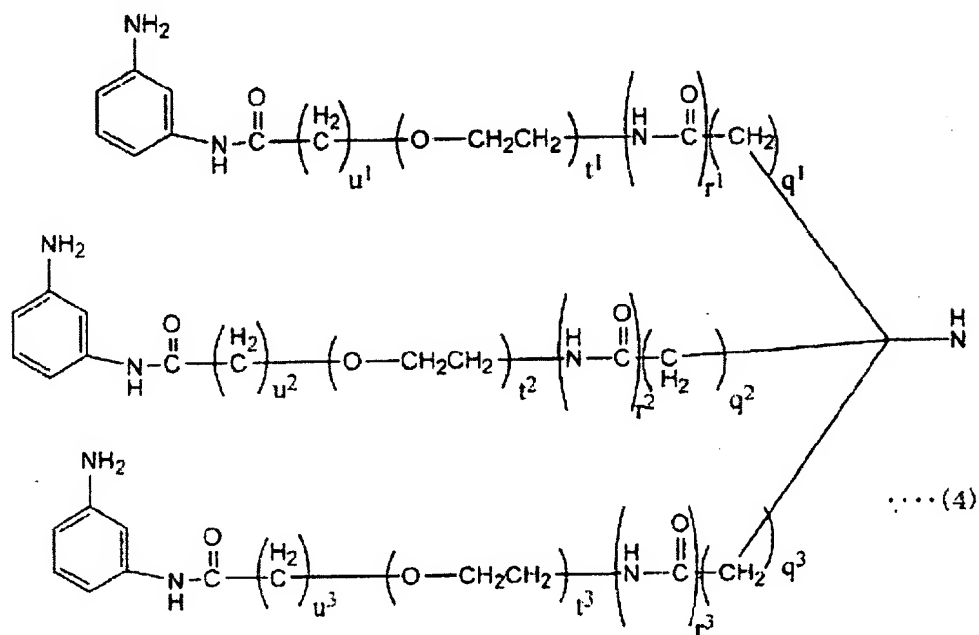(6—4)   (6—5)   (6—6)

17-18.   (canceled)

19.   (new): A linker compound for use in arrangement of sugar molecules on a supporter, the linker compound having a structure represented by following general formula (1), where a, b, d, e are independently an integer of 0 to 6,

$$\cdots(1)$$

;

where a, b, d, e are independently an integer of 0 to 6,

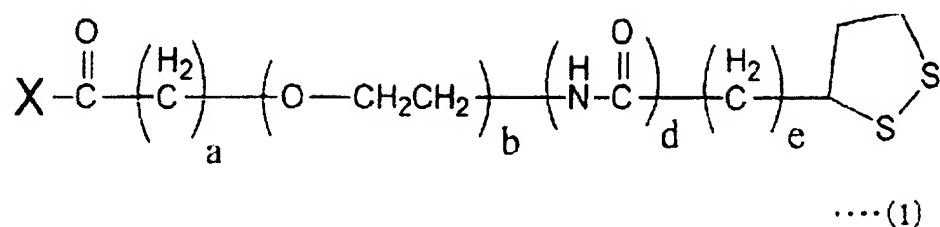X has the formula (4):

$$\cdots(4)$$

wherein q^1, q^2, q^3, r^1, r^2, r^3, t^1, t^2, t^3, u^1, u^2, and u^3 are independently an integer of 0 to 6;

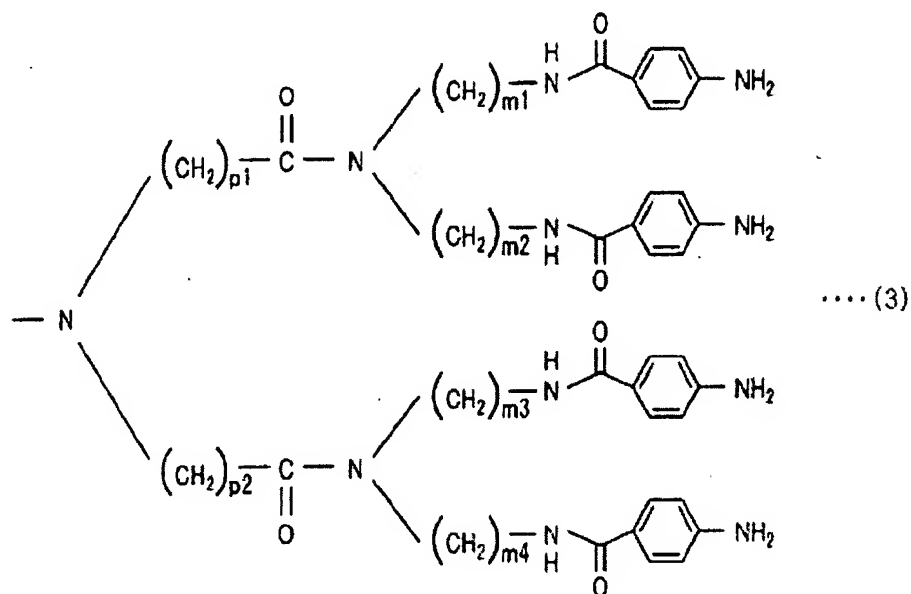and X has oligoethylene oxide therein when b is 0.

20.   (new): A linker compound for use in arrangement of sugar molecules on a supporter, the linker compound having a structure represented by following general formula (1),

$$\cdots\cdots(1)$$

where a, d, e are independently an integer of 0 to 6,

b is an integer of 1 to 6;

X has the formula (3):

$$\cdots\cdots(3)$$

and m1, m2, m3, m4, p1 and p2 are independently an integer of 1 to 6.

21.   (new): The linker compound according to claim 19 or 20,

wherein the group of general formula (1) is a group of formula (2):

$$\text{S-S-ring} \quad HN-\left(CH_2CH_2O\right)_n CH_2 \overset{\overset{\displaystyle O}{\|}}{C}-X \qquad \cdots (2)$$

;

where n is an integer of 1 to 6.